

# NEBRASKA WEATHER & CROPS

For Week Ending May 21, 1995

Issue: 10-95

Released: 5/22/95 - 3:00 p.m.

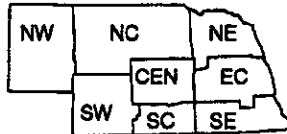
Phone: (402) 437-5541

Location: 273 Federal Bldg.

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Lincoln, NE 68501

National Agricultural Statistics Service  
U.S. Department of Agriculture  
and U.S. Department of Commerce  
National Oceanic and Atmospheric Admin.  
National Weather Service



Nebraska Department of Agriculture  
Division of Agr'l. Statistics  
Cooperative Extension Service  
Institute of Agriculture  
and Natural Resources-UN-L

## WEATHER

Temperatures averaged one to four degrees below normals. Scattered precipitation occurred throughout the week with amounts varying from a trace in the northeast up to 1.78 inches in the northwest.

## GENERAL

Fieldwork activities made excellent progress across the State last week in all but southeastern counties, according to the Nebraska Agricultural Statistics Service. These activities included brisk field preparation and rapid planting progress. Starting mid-week, the drier, sunny weather conditions allowed producers into fields in most areas. Other producer activities included moving cattle to pastures and working calves.

## CROPS

Winter wheat condition was rated at 1% poor, 14% fair, 79% good, and 6% excellent. As of Sunday, 2% of the crop had headed. This compares with 17% last year and the five-year average at 24%. Wheat was beginning to yellow in some fields of the southeast.

## CROPS (Cont.)

Corn planting made excellent progress last week with 64% planted. This compares with 99% last year and 90% for the five-year average. However, producers in southeastern counties were only 35% complete, while all other districts were much further along.

Soybean planting had begun in most areas of the State with 4% planted to date. This compares with 65% last year and 38% for the five-year average.

Sorghum planting also began last week with 3% completed as of Sunday. Last year at this time, 45% had been planted and the five-year average was 30%.

Alfalfa condition was rated at 5% poor, 23% fair, 67% good, and 5% excellent. Some reports indicate increased occurrence of disease and insects due to cool, wet conditions. Wild hay condition rated 1% poor, 18% fair, 75% good, and 6% excellent.

## LIVESTOCK

Pasture and range condition was rated 25% fair, 57% good, and 18% excellent. Cattle continue to be moved to pastures.

FIELD WORK PROGRESS AS OF MAY 21, 1995	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% Wheat Jointed	100	71	71	100	100	100	100	100	100	85	93	96
% Wheat Headed	0	0	0	3	1	3	1	4	2	0	17	24
% Corn Planted	75	69	59	72	59	85	80	35	64	11	99	90
% Sorghum Planted	0	0	0	3	3	11	8	0	3	0	45	30
% Soybeans Planted	0	1	7	15	3	10	3	1	4	0	65	38
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF MAY 19, 1995												
Days suitable	4.4	5.1	5.5	4.7	4.9	5.2	4.9	2.1	4.7	1.7	6.2	
Topsoil moisture - Very Short	0	0	0	0	0	0	0	0	0	0	0	
(Percent) - Short	0	0	0	0	0	0	0	0	0	0	67	
- Adequate	69	85	60	76	49	79	40	21	60	28	33	
- Surplus	31	15	40	24	51	21	60	79	40	72	0	
Subsoil moisture - Very Short	0	0	0	0	0	0	0	0	0	0	0	
(Percent) - Short	11	0	0	0	0	0	1	0	1	1	7	
- Adequate	82	75	76	90	49	78	63	64	71	57	91	
- Surplus	7	25	24	10	51	22	36	36	28	42	2	

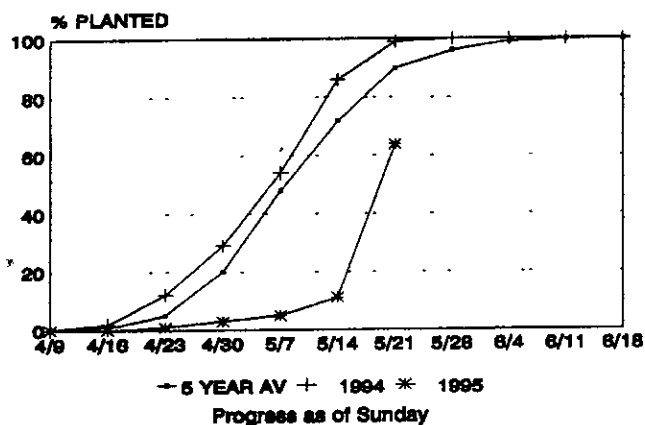
NEBRASKA WEATHER & CROPS (ISSN 0745-0117) is published weekly April-November and monthly December-March by the Nebraska Department of Agriculture, Nebraska Agricultural Statistics Service (NASS), 100 Centennial Mall North, Room 273 Federal Building, Lincoln, NE 68508. Subscription is free to survey respondents upon request to NASS, P O Box 81069, Lincoln, NE 68501, or by calling (402) 437-5541 and available for \$15.00 per year to non-reporters. It is also available free by polling our FAX at (402) 437-5547 after 3:30 p.m. CT. POSTMASTER: Send address changes to NEBRASKA WEATHER & CROPS, P.O. Box 81069, Lincoln, NE 68501.

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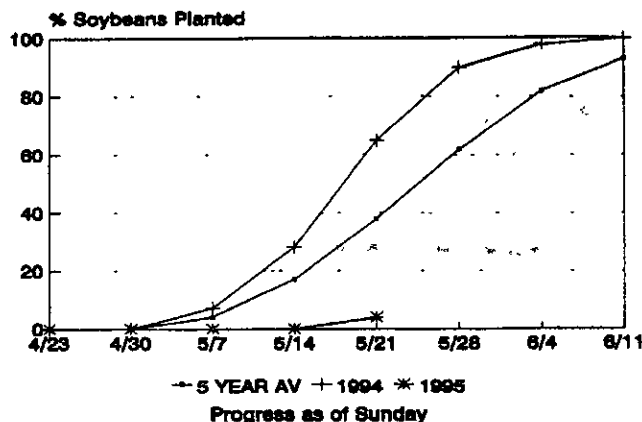
Second Class Postage  
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Lincoln, Nebraska

Printed  
5/22/95

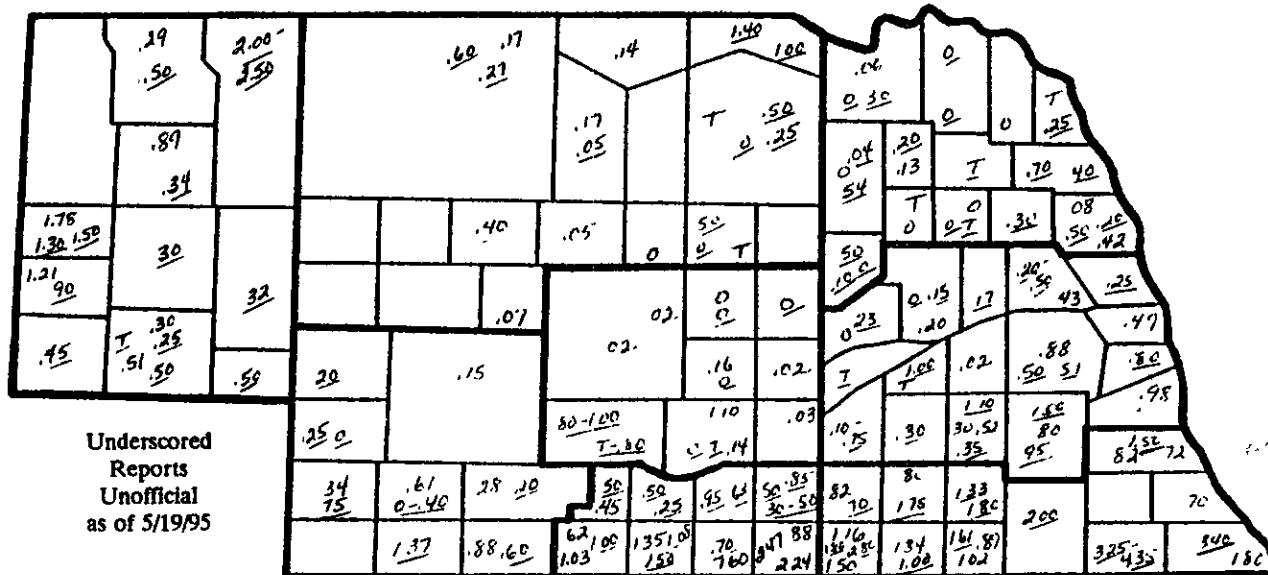
## CORN PLANTED



## SOYBEANS PLANTED



## PRECIPITATION MAP FOR WEEK ENDING SUNDAY, MAY 21, 1995



## PRECIPITATION, APRIL 1 - MAY 21, 1995

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week .....	.83	.08	.07	.19	.42	.45	1.33	1.05
Total since April 1 .....	5.92	7.18	7.16	6.57	7.84	5.73	7.30	9.38
Normal since April 1 .....	3.87	4.43	5.00	4.91	5.58	4.11	4.75	5.54

TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA,  
WEEK ENDING SUNDAY, MAY 21, 1995

Station		Temperature				Precipitation	Growing Degree Data Since April 15		
		Extremes		Mean	Departure	Total Inches	Last Week	Current	Normal
		Max	Min						
NW	Chadron	83	38	57	---	.29	---	---	---
	Scottsbluff	82	36	56	-1	1.78	75	134	307
	Sidney	81	31	55	---	---	72	129	274
NC	Valentine	86	33	56	-2	.17	---	---	---
	Arthur	---	---	---	---	---	84	144	269
	O'Neill	---	---	---	---	---	97	166	316
NE	Norfolk	79	37	58	-4	T	---	---	---
	Sioux City	80	40	60	-2	T	---	---	---
	Concord	---	---	---	---	---	108	185	336
	Elgin	---	---	---	---	---	94	164	311
CEN	West Point	---	---	---	---	---	120	198	332
	Grand Island	78	42	58	-4	.03	---	---	---
	Ord	78	39	58	---	0	103	169	334
	Kearney	---	---	---	---	---	110	175	350
EC	Wood River	---	---	---	---	---	113	182	353
	Lincoln	81	38	59	-4	.80	152	233	370
	Omaha	78	42	61	-2	.49	---	---	---
	Central City	---	---	---	---	---	118	190	377
SW	Mead	---	---	---	---	---	144	225	364
	Rising City	---	---	---	---	---	116	191	370
	Imperial	80	31	57	---	---	---	---	---
	North Platte	79	33	55	-4	.15	109	172	327
SC	McCook	---	---	---	---	---	133	204	371
	Holdrege	---	---	---	---	---	131	200	354
	Red Cloud	---	---	---	---	---	143	210	385
SE	Beatrice	---	---	---	---	---	146	219	374
	Clay Center	---	---	---	---	---	121	191	357

Growing Degree Days (GDD) are used to measure the length of time required for a crop to reach maturity. The formula used to calculate GDD is: Max. temp. + min. temp. divided by 2 minus 50 = GDD. For example, if the average temperature for a day = 70 degrees, the GDD = 20 for that day. GDD are calculated for each day and accumulated from April 15.

Growing Degree Day data is furnished by the Department of Agricultural Meteorology, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln.